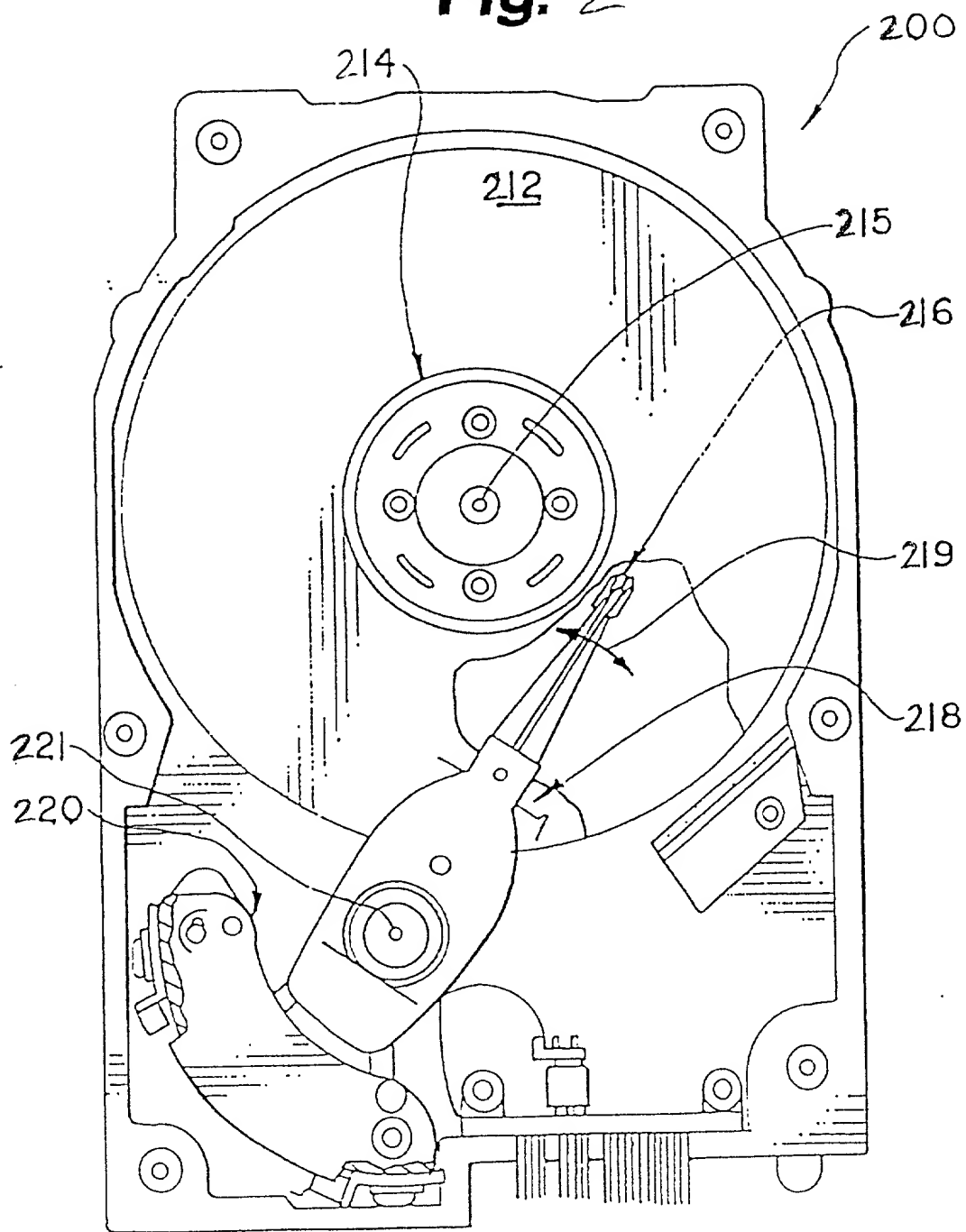




**Fig. 2**



300

Establishing an AV Stream

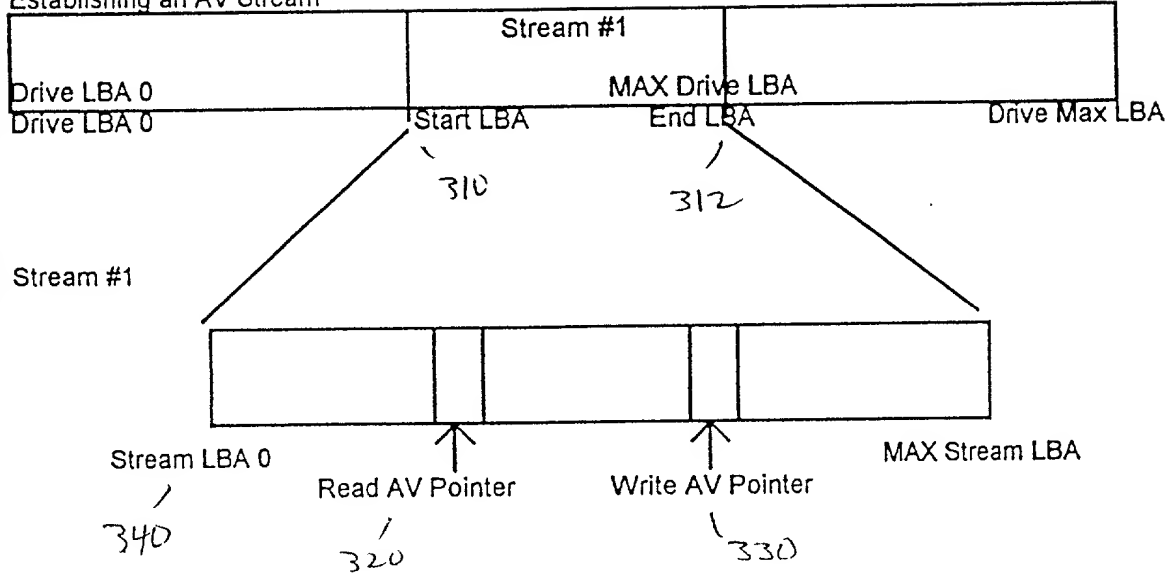


Fig. 3

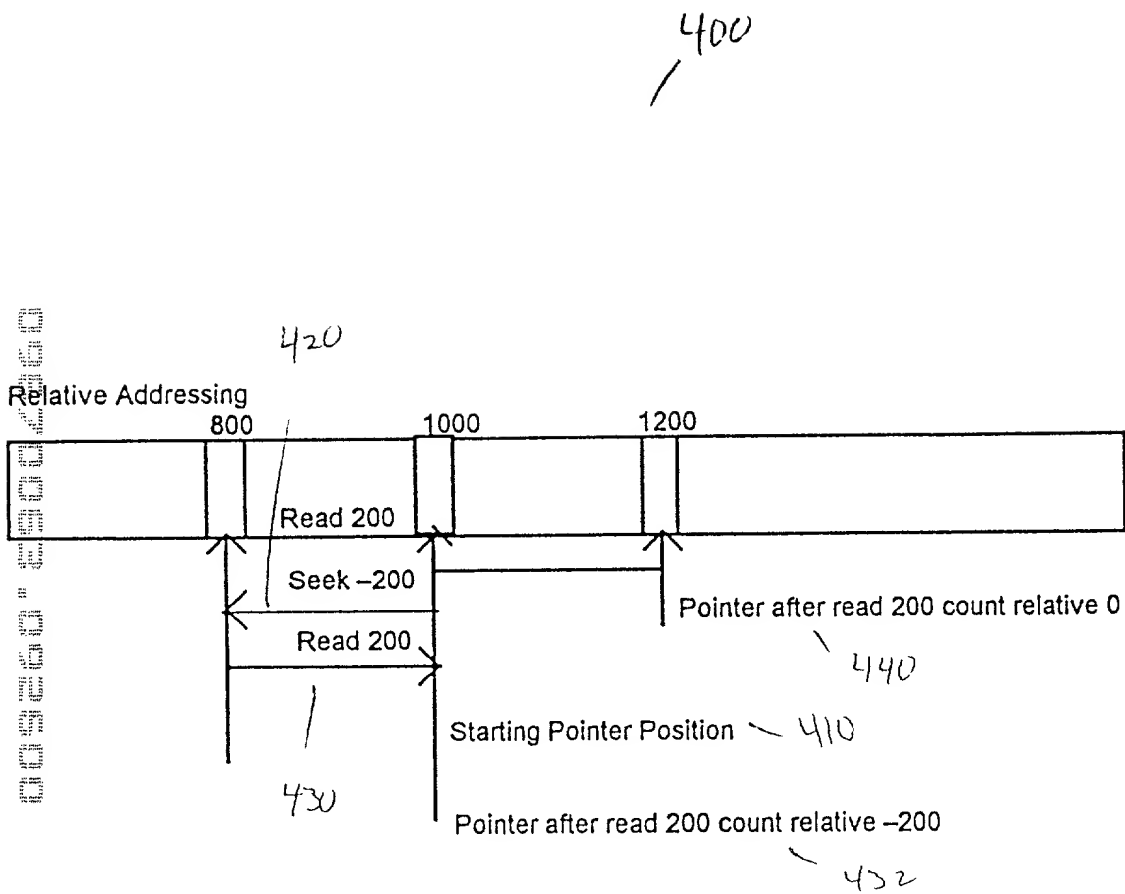


Fig. 4

	510	520	530	
	Feature Register value	Feature Description		
	0Bh	Enable AV Stream mode		
	0Ch	Enable Read Continuous operation		
	0Dh	Enable Time-base ERP Limitation for Read		
	0Eh	Enable Time-base ERP Limitation for Write		
550	0Fh	Enable AV Write Cache		
540	8Bh	Disable AV Stream mode		
542	8Ch	Disable Read Continuous operation		
544	8Dh	Disable Time-base ERP Limitation for Read		
546	8Eh	Disable Time-base ERP Limitation for Write		
548	8Fh	Disable AV Write Cache		

Fig. 5

00000000

600  
/

610

Register	7	6	5	4	3	2	1	0
Features	0Bh							
Sector Count	na							
Sector Number	na							
Cylinder Low	na							
Cylinder High	na							
Device/Head	obs	na	obs	DEV	na			
Command	EFh							

Fig. 6

Register	7	6	5	4	3	2	1	0
Features	0Ch							
Sector Count	na							ER
Sector Number	na							
Cylinder Low	na							
Cylinder.High	na							
Device/Head	obs	na	obs	DEV	na			
Command	EFh							

Fig. 7

Register	7	6	5	4	3	2	1	0
Features	0Dh							
Sector Count	na							
Sector Number	na							
Cylinder Low	Maximum time in milliseconds (lsb)							
Cylinder High	Maximum time in milliseconds (msb)							
Device/Head	obs	na	obs	DEV	na			
Command	EFh							

Fig. 8



900

910

9+6

932

Fig. 9

Register	7	6	5	4	3	2	1	0
Features	na							
Sector Count	na							
Sector Number	na							
Cylinder Low	na							
Cylinder High	na							
Device/Head	obs	na	obs	DEV	na			
Command					FAh			

Fig 10

Register	7	6	5	4	3	2	1	0
Error	na	na	na	na	na	ABRT	na	na
Sector Count	na							
Sector Number	na							
Cylinder Low	na							
Cylinder High	na							
Device/Head	obs	na	obs	DEV	na			
Status	BSY	DRDY	DF	na	DRQ	na	na	ERR

Fig. 11

1000

1200

	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
0	Stream Number															
1	Link Stream Number															
2	reserved														Lnk	Wp
3	reserved															
4	Stream Starting LBA															
5																
6																
7																
8	Stream Ending LBA															
9																
10																
11																
...	...															
255	reserved															

1250

Fig. 12

1300

Register	7	6	5	4	3	2	1	0
Features	Stream Number							
Sector Count	na							
Sector Number	na							
Cylinder Low	na							
Cylinder High	na							
Device/Head	obs	na	obs	DEV	na			
Command	FAh							

Fig. 13

1400

1410

Register	7	6	5	4	3	2	1	0
Error	na	na	na	na	na	ABRT	na	na
Sector Count	na							
Sector Number	na							
Cylinder Low	na							
Cylinder High	na							
Device/Head	obs	na	obs	DEV	na			
Status	BSY	DRDY	DF	na	DRQ	na	na	ERR

Fig. 14

Register	7	6	5	4	3	2	1	0
Features	AV Stream Number							
Sector Count	na							
Sector Number	na							
Cylinder Low	na							
Cylinder High	na							
Device/Head	obs	na	obs	DEV	na			
Command	FCh							

Fig. 15

1600

Register	7	6	5	4	3	2	1	0
Error	na							
Sector Count	na							
Sector Number	na							
Cylinder Low	na							
Cylinder High	na							
Device/Head	obs	na	obs	DEV	na			
Status	BSY	DRDY	DF	na	DRQ	na	na	ERR

Fig. 16

1700  
/

1710

Register	7	6	5	4	3	2	1	0
Error	na	na	na	na	na	ABRT	na	na
Sector Count	na							
Sector Number	na							
Cylinder Low	na							
Cylinder High	na							
Device/Head	obs	na	obs	DEV	na			
Status	BSY	DRDY	DF	na	DRQ	na	na	ERR

Fig. 17

Register	7	6	5	4	3	2	1	0
Features	AV Stream Number							
Sector Count	Function Code							
Sector Number	LBA							
Cylinder Low	LBA							
Cylinder High	LBA							
Device/Head	obs	LB A	obs	DEV	LBA			
Command	C3h							

Fig. 18

1900  
/

1920

Value in Sector Count	Action
0	Set the Read AV Pointer
1	Set the Write AV Pointer
2	Return the Read AV Pointer
3	Return the Write AV Pointer
4-255	Reserved

1910  
1908

Fig. 19

1

[illegible]

2100

—

2230 Fig 22

2210

2230

7

2310

2400

Fig 24

25k)

Fig. 25

2600

2610

2700

2760

Fig. 27



2800-

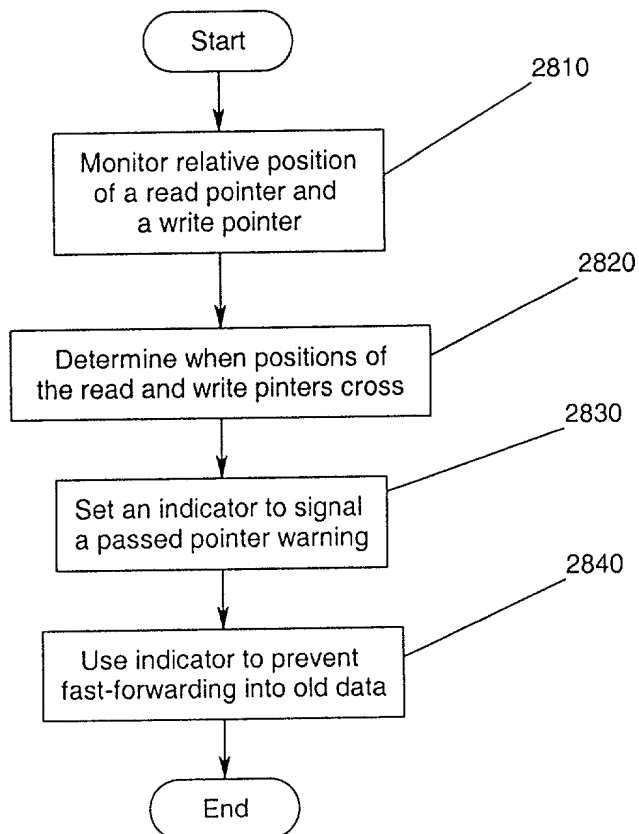


Fig. 28